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(54) DATA SUM-UP PROCESSING SYSTEM

(57) Abstract:

PURPOSE: To reduce the generating rate of bugging in a program and to simplify a test by registering a sum-up rule to a file, successively reading the rule by the program and executing the read, calculation and write of data according to the registered sum-up rule.

CONSTITUTION: A data file (DF) 4 inputs items to be summed up to a record and a sum-up file (SF) is composed of the same number of records corresponding to the DF4 and respectively stores the sum-up rules of respective records for four items such as a sum-up destination 1, arithmetic 1, sum-up destination 2 and arithmetic 2. An application program (AP) 1 is composed of a calculating means 2 and a file read/write means 3 and when the AP1 is executed, the DF4 is updated so as to read the SF5 for each record. When the records are not summed up, the sum-up destination 1 becomes 0 and therefore, the next record is read. When the records are summed up, calculation is executed by the means 2 according to the arithmetic 1 item and the result of arithmetic is written to the records, which is instructed by the sum-up destination 1 item, by the means 3. When there are two sum-up destinations, the processing is executed according to the sum-up

destination 2 item and arithmetic 2 item. Thus, the contents of the program are simplified, the generation of bugging is suppressed and the test can be simplified.

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